

ARMIS

Comparison Utility (V3.0) (for reporting 1998 - 2002 data)

* * * *Instructions* * * *

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Installing the Program

PROGRAM DESCRIPTION AND USE:

The **ARMIS Comparison Utility (V3.0)** application provides the capability to compare the following:

- (1) ARMIS Reports 43-01, 43-02 and 43-03 for reporting years 1998 - 2001;
- (2) ARMIS Reports 43-01, 43-02, 43-03 and 43-08 for reporting year 2002;
- (3) ARMIS Reports 43-01, 43-03 and 43-04 for reporting years 1998 - 2002;
- (4) ARMIS Reports 43-05, 43-07 and 43-08 for reporting years 1998 - 2002; and
- (5) Holding company data to the roll-up of the study areas for the ARMIS Reports 43-05, 43-06, and 43-07 for reporting years 1998 - 2002.

This application is a tool that should be used by carriers filing ARMIS data for reporting years **1998** through **2002**.

OPERATING SYSTEM REQUIREMENTS:

This application has been tested only on Windows 98 and Windows 2000, though it should run reliably on other Windows operating systems.

INSTALLATION PROCEDURES:

- (1) Before installing the comparison program, create a separate directory on the local hard drive for this program, or let the executable file create the directory (**C:\CompareYear2002**). **Note:** Even though the program is a 32-bit application, *we recommend that the directory names not exceed 8 characters and not include any embedded spaces.*
- (2) Execution of the file “**comp02.exe**” will cause it to unzip and install the comparison utility—a total of 111 files—in the target directory. (The comp02.exe file is accessible through the Internet. Go to the EAFS Comparison Utility page at <http://www.fcc.gov/wcb/eafs/comparison/> and click on the link entitled “Download Application.”)

Running the Program

To run the utility, begin by opening Windows Explorer and locate the hard drive and directory where the comparison utility program is located. Within that directory, find the executable file named “**compare.exe**” and double-click its icon. This will cause the **Welcome Screen (Figure 1, next page)** to be displayed.

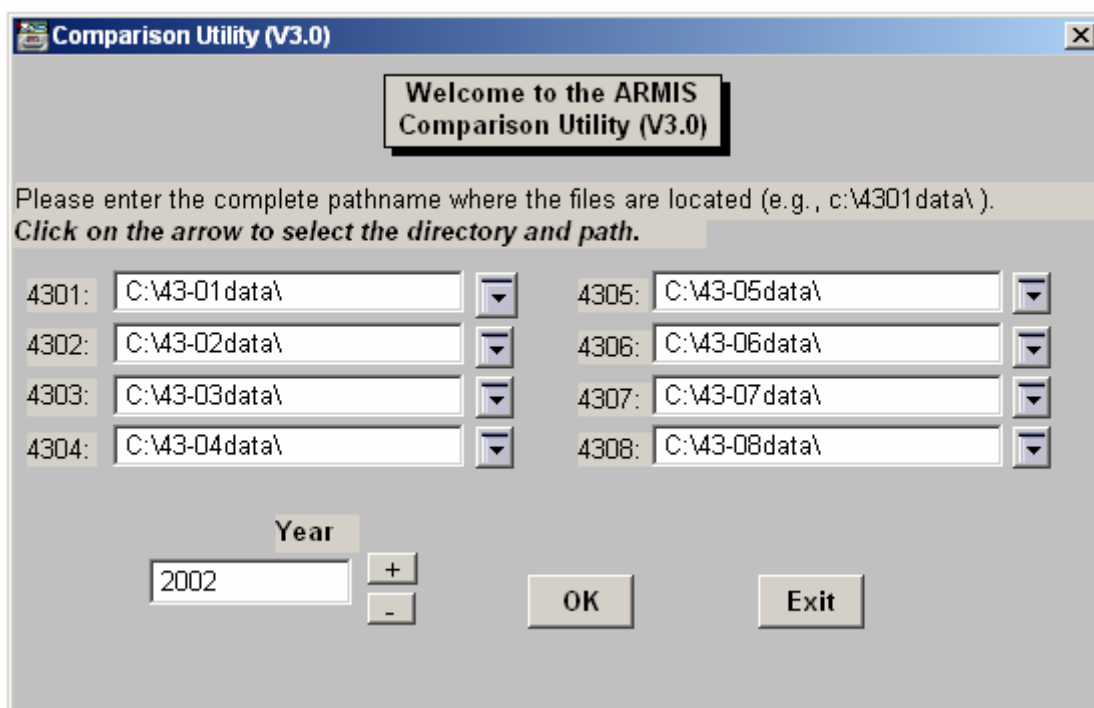


Figure 1 — Welcome Screen

On the **Welcome Screen**, enter the full path (e.g. **c:\ 43-01data**) to the locations of all the ARMIS data files by using the drop-down menu to select the file locations on your local hard drive, or manually enter the path in the appropriate field. After entering all the required paths, select the appropriate year and click “OK”. This will bring up the **Comparison Selection Screen (Figure 2)**. *Note: Once the paths have been entered, they will be displayed each time the user re-enters this application. Of course, the user has the option to change the path at any time.*

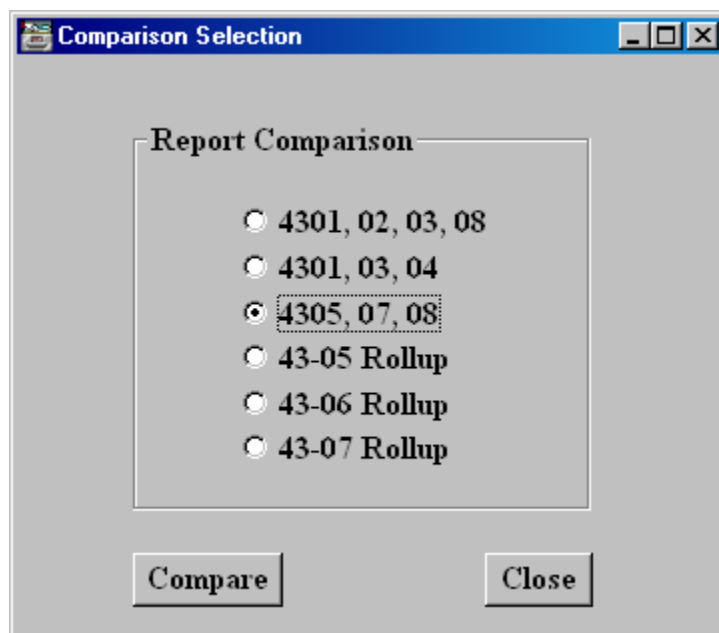


Figure 2 —Comparison Selection Screen

On this screen, select the required comparison, by clicking on the adjacent white button. *Note: The application will only perform one comparison or roll-up at a time.* Click on the “Compare” button and, after a

few seconds, the program will display the **File Selection Screen (Figure 3)** for the selected comparison, as shown below in an example for the “43-05, 07, 08” comparison.

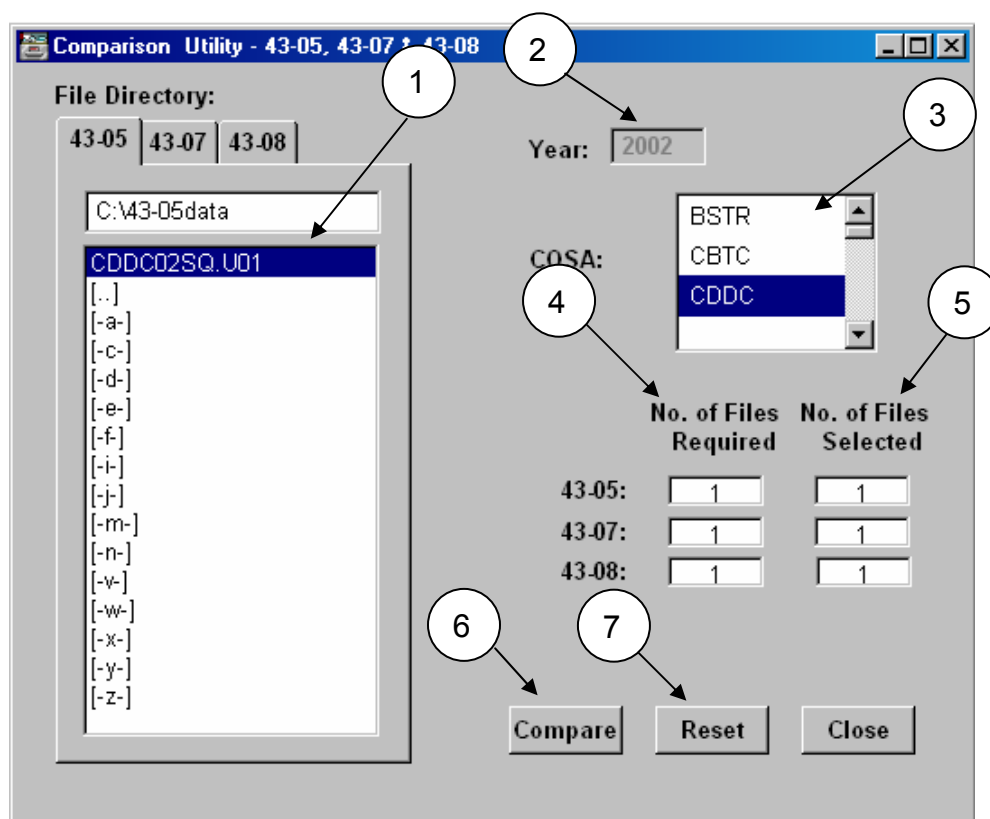


Figure 3 —File Selection Screen

The screen shown above is similar to the comparison screens for the “43-01, 02, 03, 08” and the “43-01, 03, 04” comparisons. Shown below on page 4 is an example of a **File Selection Screen (Rollups) (Figure 4)** used for the “rollup” comparisons.

Comparison File Selection screens are comprised of the following sections, as indicated by the arrows in Figures 3 and 4:

1. **File Directory** - This provides a listing of the files for the ARMIS Report identified on the associated directory tab;
2. **Year** - The reporting year;
3. **COSA** - Lists of all COSAs which the user selects to perform the comparison or roll-up. Note—the COSAs listed depend on the type of comparison being performed: (a) “43-01, 02, 03, 08” and the “43-05, 07, 08” comparisons use *operating company* COSAs; (b) “43-01, 03, 04” comparison uses *study area* COSAs; (c) “43-05,” “43-06,” and “43-07” rollup comparisons use *holding company* COSAs.
4. **Number of Files Required** - The number of files required to perform the comparison or roll-up for the selected COSA;

5. **Number of Files Selected** - The number of files located in the directories for the selected COSA;
6. **Compare** - Clicking this button runs the comparison or roll-up; and
7. **Reset** - Clicking this button clears the COSA selection(s).

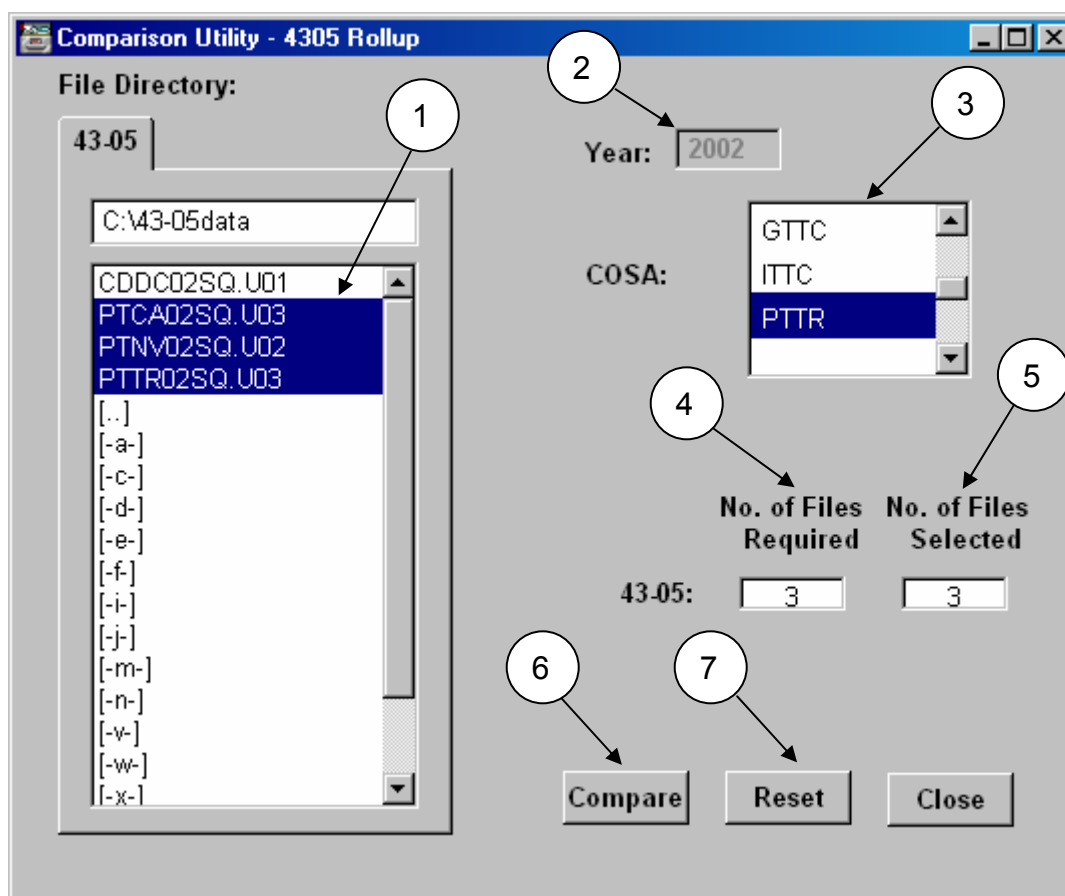


Figure 4 —File selection Screen (Rollups)

To run the comparison utility that has been selected, first select the COSA for the reports to be compared—**see item 3**. Do this by using the scroll-down menu to locate the appropriate COSA and then click on that COSA. After the COSA has been selected, the screen will display the number of files that are required—**see item 4**—and the number of files the program has located—**see item 5**—in the directories specified in the first screen (the **Welcome Screen**) in these *Procedures*. *Note: More than one COSA may be selected.* If the number of “files selected” matches the number of “files required,” the Comparison Utility will run when you click on “Compare”—**see item 6**.

After clicking “Compare,” the Comparison Utility application will take a minute or two to perform the comparison, depending on the number of data files in the comparison. When it has finished, the results will pop-up on the screen with a list of errors, or it will indicate that no errors were found. The user has the option to review the errors on the screen or print out the errors. To generate a paper copy of the errors, click “Print.” After the program has printed the errors, click “Close” and it will return to the **Utility Screen** where you can run another comparison for a different COSA. (*Note: before running another comparison, be sure to click “Reset”—see item 7.*)

To run a different comparison set, click “Close,” again to return to the **Comparison Selection Screen (Figure 2)**. To completely exit the Comparison Utility program, continue to click “Close,” and then click “Exit” on the **Welcome Screen**.

Troubleshooting

Problem: the Comparison Utility will not run, because the number of files selected does not match the number of files required—see items 4 & 5.

There are two primary reasons for a mismatch between the number of files selected and the number of files required: (a) there is a missing file(s), or (b) there are multiple versions (submissions) of the same file(s) in the directory.

- (a) If there is a missing file(s), open Windows Explorer, and copy the missing file to the appropriate directory. In order to resume the comparison utility program, click the “Close” button on the **File Selection Screen** to return to the **Comparison Selection Screen**. Reselect the comparison desired, and click on “Compare.” This action opens the **File Selection Screen** where the user will see a refreshed directory window containing the added file(s).
- (b) If there are multiple file versions, correction of the problem can be done from within the Comparison Utility program. First, determine where the duplicate file(s) is located by observing which Report shows a mismatch. Click on the appropriate directory tab for that Report. The files that were selected will be highlighted. Deselect the file(s) that should not be part of the comparison. *Note: The "number of files selected" display for this report will change automatically when a file(s) is deselected.*

Contact **Rick Robinson** at (202) 418-0824 or rarobins@fcc.gov if you encounter problems that you cannot resolve on your own.